N2XH-J (O) 0,6/1 kV

Safety and halogen-free cables

TECHNICAL INFORMATION:

Power cable with copper wires, with cross-linked polyethylene insulation (2X) and halogen-free flame-retardant material sheath (H), with limited smoke and corrosive gas generation during combustion, with (J) or without a protective core (O).

CONSTRUCTION:	
Conductors	copper single-wire class 1 or multi-wire class 2, to PN-EN 60228
Insulation	cross-linked polyethylene
Insulation colour	N2XH-O 1-conductor: black (other colours on request) 2-conductor: blue, brown 3-conductor: brown, black, grey or blue, brown, black 4-conductor: blue, brown, black, grey 5-conductor: blue, brown, black, grey, black over 5 conductors - numbered conductors N2XH-J 1-conductor: green-yellow 2-conductor: green-yellow, black 3-conductor: green-yellow, blue, brown 4-conductor: green-yellow, brown, black, grey or green-yellow, blue, brown, black 5-conductor: green-yellow, blue, brown, black, grey over 5 conductors - numbered conductors, green-yellow
Filling compound	special halogen-free rubber
Sheath	special halogen-free, self-extinguishing, +flame-retardant, black colour
Operating temperature	od -40^{0}C do +90^{0}C
Rated voltage	0,6/1 kV
Bending radius	for single-conductor cables – 15 x conductor outer diameter for multi-conductorcables – 12 x conductor outer diameter
Application	halogen-free power supply cables for installations in facilities where human life and property must be protected against fire (hotels, hospitals, schools, airports, underground and train stations, industrial installations); cables to be laid in dry and moist rooms, over and in plasterwork, in brick walls and directly in concrete; only permanent installation possible; in outdoor or underground installations cables must be laid in cable ducts or tubes

All images, photographs, drawings, figures, specifications and product data sheet information are indicative only and shall not be construed as a commercial warranty or represent or substantiate any liability on the part of Fabryka Kabli ELPAR Sp. z o.o.

Fabryka Kabli ELPAR Sp. z o.o.
ul. Laskowska 1
21-200 Parczew
+48 83 355 03 38
+48 83 355 18 88
info@elpar.pl

Fabryka Kabli ELPAR II Sp. z o.o.
ul. Szafirowa 9
16-400 Suwałki
+48 87 565 41 30
+48 87 565 41 50
suwalki@elpar.pl

Test	resistance of a single cable to flame propagation (fire resistance): PN-EN 60332-1, IEC 60332-1 resistance of a cable bundle to flame propagation: PN-EN 60332-3-24, IEC 60332-3 Emission of corrosive gases during combustion: PN-EN 50267, IEC 60754-2 emission of smoke density during combustion: PN-EN 61034-1(-2), IEC 61034-1(-2), DIN-VDE 0482-1034-2
Packing	drums; other containers on customer's request

N2XH-O(J) 0,6/1 kV		
Conductor number and rated cross-section [n x mm2]	Approximate external cable diameter [mm]	Approximate cable weight [kg/km]
1 x 1,5 RE	5,2	39
1 x 2,5 RE	5,5	51
1 x 4 RE	6,0	67
1 x 6 RE	6,5	87
1 x 10 RE	7,3	128
1 x 16 RE	8,3	194
1 x 25 RM	10,2	292
1 x 35 RM	11,4	386
1 x 50 RM	13,0	524
1 x 70 RM	14,6	710
1 x 95 RM	16,4	967
1 x 120 RM	18,0	1179
1 x 150 RM	20,5	1517
1 x 185 RM	22,2	1845
1 x 240 RM	25,2	2353
1 x 300 RM	27,4	2866
1 x 400 RM	31,2	3853
2 x 1,5 RE	8,9	119
2 x 2,5 RE	9,7	150
2 x 4 RE	10,6	195
2 x 6 RE	11,6	250
2 x 10 RE	13,2	360
2 x 16 RE	15,5	542
2 x 25 RM	19,7	852
2 x 35 RM	22,1	1113
2 x 50 RM	25,7	1526
2 x 70 RM	28,8	2024
3 x 1,5 RE	9,3	134
3 x 2,5 RE	10,1	174
3 x 4 RE	11,1	231
3 x 6 RE	12,2	302
3 x 10 RE	14,2	454
3 x 16 RE	16,4	683
3 x 25 RM	20,9	1070
3 x 35 RM	23,5	1407
3 x 50 RM	27,4	1937
3 x 70 RM	31,1	2631
3 x 95 RM	34,9	3531

All images, photographs, drawings, figures, specifications and product data sheet information are indicative only and shall not be construed as a commercial warranty or represent or substantiate any liability on the part of Fabryka Kabli ELPAR Sp. z o.o.

Fabryka Kabli ELPAR Sp. z o.o.
ul. Laskowska 1
21-200 Parczew
+48 83 355 03 38
+48 83 355 18 88
info@elpar.pl

Fabryka Kabli ELPAR II Sp. z o.o.
ul. Szafirowa 9
16-400 Suwałki
+48 87 565 41 30
+48 87 565 41 50
suwalki@elpar.pl

3 x 120 RM	38,9	4352
3 x 150 RM	44,3	5599
3 x 185 RM	47,9	6759
3 x 240 RM	54,4	8628
3 x 300 RM	59,1	10447
4 x 1,5 RE	10,0	157
4 x 2,5 RE	10,9	207
4 x 4 RE	12,1	278
4 x 6 RE	13,3	372
4 x 10 RE	15,5	564
4 x 16 RE	18,0	858
4 x 25 RM	23,0	1343
4 x 35 RM	26,1	1790
4 x 50 RM	30,6	2480
4 x 70 RM	34,4	3327
4 x 95 RM	39,1	4533
4 x 120 RM	43,1	5525
4 x 150 RM	49,1	7114
4 x 185 RM	53,1	8606
4 x 240 RM	60,4	10990
5 x 1,5 RE	10,8	184
5 x 2,5 RE	11,9	245
5 x 4 RE	13,1	333
5 x 6 RE	14,7	455
5 x 10 RE	17,0	682
5 x 16 RE	20,0	1054
5 x 25 RM	25,6	1649
5 x 35 RM	28,8	2181
5 x 50 RM	33,8	3023
5 x 70 RM	38,5	4114
5 x 95 RM	43,2	5548
5 x 120 RM	47,7	6768
5 x 150 RM	54,5	8719
5 x 185 RM	53,4	9974
7 x 1,5 RE	11,9	231
7 x 2,5 RE	13,0	311
7 x 4 RE	14,9	447
7 x 6 RE	16,4	600
10 x 1,5 RE	15,1	335
10 x 2,5 RE	16,7	452
10 x 4 RE	18,6	623
12 x 1,5 RE	15,5	373
12 x 2,5 RE	17,2	508
12 x 4 RE	19,2	707
14 x 1,5 RE	16,3	416
14 x 2,5 RE	18,0	571
14 x 4 RE	20,1	799
19 x 1,5 RE	18,4	546

All images, photographs, drawings, figures, specifications and product data sheet information are indicative only and shall not be construed as a commercial warranty or represent or substantiate any liability on the part of Fabryka Kabli ELPAR Sp. z o.o.

Fabryka Kabli ELPAR Sp. z o.o.
ul. Laskowska 1
21-200 Parczew
+48 83 355 03 38
+48 83 355 18 88
info@elpar.pl

Fabryka Kabli ELPAR II Sp. z o.o.
ul. Szafirowa 9
16-400 Suwałki
+48 87 565 41 30
+48 87 565 41 50
suwalki@elpar.pl

19 x 2,5 RE	20,4	752
19 x 4 RE	22,7	1057
24 x 1,5 RE	21,2	681
24 x 2,5 RE	23,6	942
30 x 1,5 RE	22,4	800
30 x 2,5 RE	24,9	1119
37 x 1,5 RE	24,4	949
37 x 2,5 RE	27,2	1337
40 x 1,5 RE	24,8	1010
40 x 2,5 RE	27,7	1427
47 x 1,5 RE	27,4	1167
47 x 2,5 RE	30,6	1654

All images, photographs, drawings, figures, specifications and product data sheet information are indicative only and shall not be construed as a commercial warranty or represent or substantiate any liability on the part of Fabryka Kabli ELPAR Sp. z o.o.

Fabryka Kabli ELPAR Sp. z o.o.
ul. Laskowska 1
21-200 Parczew
+48 83 355 03 38
+48 83 355 18 88
info@elpar.pl

Fabryka Kabli ELPAR II Sp. z o.o.
ul. Szafirowa 9
16-400 Suwałki
+48 87 565 41 30
+48 87 565 41 50
suwalki@elpar.pl